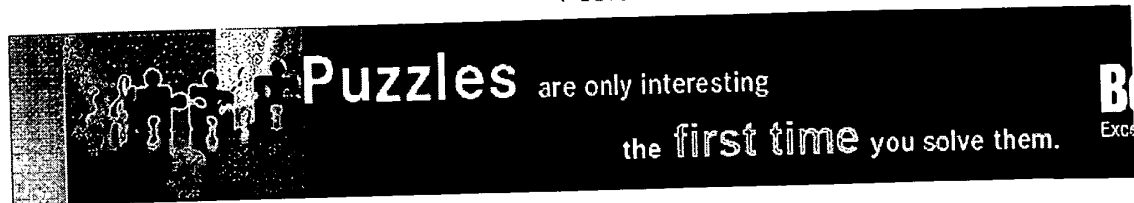


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Pre-Compiled Database Triggers

Many programmers create stored procedures out of large bodies of database trigger codes. This has primarily been because while stored procedures are stored in compiled form, database triggers are compiled each time they get fired. But you no longer have to split your database trigger code into multiple procedures because Oracle7.3 PL/SQL2.3 now supports pre-compiled database triggers. Thus pre-compiled database triggers speed up the performance of database triggers.

Jayanta Sengupta

If you have a hot tip and we publish it, we'll pay you \$10. Be sure to include a clear explanation of what the technique does and why it's useful. If it includes code, limit it to 20 lines if possible. Submit your tip here.

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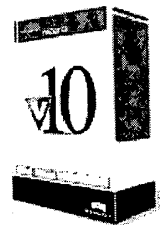
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STIC Search Report

EIC 2100

STIC Database Tracking Number: 122979

TO: Luke Wassum
Location: 4D41
Art Unit : 2177
Thursday, June 03, 2004

Case Serial Number: 10/081079

From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794

david.holloway@uspto.gov

Search Notes

Dear Examiner Wassum,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David





STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Anne Hendrickson, EIC 2100 Team Leader
308-7831, CPK2-4B40

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➤ I am an examiner in Workgroup: Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

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Access DB# 122979

SEARCH REQUEST FORM

Scientific and Technical Information Center

118

Requester's Full Name: Luke S Wasson Examiner #: 77895 Date: 26 May 04
Art Unit: 2177 Phone Number 305-5706 Serial Number: 10/081077
Mail Box and Bldg/Room Location: PK2-4B4 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Evaluating Expressions in Stored Procedures

Inventors (please provide full names): Rolf Guter Erich Stegelmann, Teetendra Chawre
(Assignee is NEC Corporation)

Earliest Priority Filing Date: 2/21/02

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A method of 'precompiling' stored procedure statements

whereby

expressions which ordinarily would require the parsing + evaluation of an SQL statement at run-time are precompiled into low-level code (such as machine code)

and the low-level code is embedded in the stored procedure.

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